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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/781,427

Filing Date

FEBRUARY 18, 2004

First Named Inventor

JOHN F. ZIOBRO

Art Unit

3762

Examiner Name

NOT YET KNOWN

Attorney Docket Number

AT-119US

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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262-632-6900

Signature

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MAY 18, 2004

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

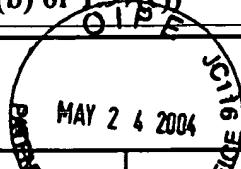
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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

AT-119US

In Re Application Of: **ZIOBRO ET AL.**

MAY 24 2004

Serial No.

10/781,427

Filing Date

FEBRUARY 18, 2004

Examiner

NOT YET KNOWN

Group Art Unit

3762

Title: **AUTOMATED CORTICAL MAPPING**

Address to:

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P.O. Box 1450  
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**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

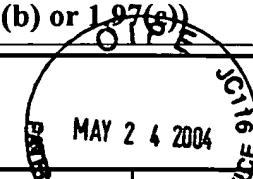
2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

 the statement specified in 37 CFR 1.97(e);**OR** the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
 (Under 37 CFR 1.97(b) or 1.97(e))

Docket No.  
 AT-119US

In Re Application: **ZIOBRO ET AL.**



Serial No.	Filing Date	Examiner	Group Art Unit
10/781,427	FEBRUARY 18, 2004	NOT YET KNOWN	3762

**AUTOMATED CORTICAL MAPPING**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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The Director is hereby authorized to charge and credit Deposit Account 10-0270 as described below.

Charge the amount of \_\_\_\_\_

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Dated: MAY 18, 2004

JOHN W. BAIN, REG. NO. 42,283  
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 245 MAIN STREET  
 RACINE, WI 53403  
 262-632-6900

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INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

MAY 24 2004

ATTY DOCKET NO. AT-119US	SERIAL NO. 10/781,427
APPLICANT(S) <b>AUTOMATED CORTICAL MAPPING</b>	
FILING DATE <b>FEBRUARY 18, 2004</b>	GROUP <b>3762</b>

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,735,208	04/05/1988	WYLER ET AL.			
	5,097,835	03/24/1992	PUTZ			
	5,716,377	02/10/1998	RISE ET AL.			
	6,004,262	12/21/1999	PUTZ ET AL.			
	6,200,331	03/13/2001	SWARTZ ET AL.			
	6,415,168	07/02/2002	PUTZ			
	6,463,328	10/08/2002	JOHN			
	6,547,746	04/15/2003	MARINO			
	6,567,690	05/20/2003	GILLER ET AL.			
	6,597,954	07/22/2003	PLESS ET AL.			
	6,609,032	08/19/2003	WOODS ET AL.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		CALANCIE, B., HARRIS, W., BRINDLE, G.F., GREEN, B.A., LANDY, H.J. (2001) THRESHOLD-LEVEL REPETITIVE TRANSCRANIAL ELECTRICAL STIMULATIONS FOR INTRAOPERATIVE MONITORING OF CENTRAL MOTOR CONDUCTION. J. NEUROSURG. 95: 161-168.
		CALANCIE, B., HARRIS, W., BROTON, J.G., ALEXEEVA, N., GREEN, B.A. (1998) "THRESHOLD-LEVEL" MULTIPULSE TRANSCRANIAL ELECTRICAL STIMULATION OF MOTOR CORTEX FOR INTRAOPERATIVE MONITORING OF SPINAL MOTOR TRACTS: DESCRIPTION OF METHOD AND COMPARISON TO SOMATOSENSORY EVOKED POTENTIAL MONITORING. J. NEUROSURG. 88: 457-470.

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>			ATTY DOCKET NO. <b>AT-119US</b>		SERIAL NO. <b>10/781,427</b>			
			APPLICANT(S) <b>AUTOMATED CORTICAL MAPPING</b>					
			FILING DATE <b>FEBRUARY 18, 2004</b>		GROUP <b>3762</b>			
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		<b>6,665,562</b>	<b>12/16/2003</b>	<b>GLUCKMAN ET AL.</b>				
		<b>2003/0082507 A1</b>	<b>05/01/2003</b>	<b>STYPULKOWSKI</b>				
		<b>2003/0114894 A1</b>	<b>06/19/2003</b>	<b>DAR ET AL.</b>				
		<b>2003/0187491 A1</b>	<b>10/02/2003</b>	<b>GREENBERG ET AL.</b>				
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
		JONES, S.J., HARRISON, R., KOH, K.F., MEDOZA, N., CROCKARD, H.A. (1996) MOTOR EVOKED POTENTIAL MONITORING DURING SPINAL SURGERY: RESPONSES OF DISTAL LIMB MUSCLES TO TRANSCRANIAL ELECTRICAL STIMULATION WITH PULSE TRAINS. ELECTROENCEPH. CLIN. NEUROPHYSIOL. 100(5).						
		KALKMAN, C.J., UBAGS, L.H., BEEN, H.D., SWAAN, A., DRUMMOND, J.C. (1995) IMPROVED AMPLITUDE OF MYOGENIC MOTOR EVOKED RESPONSES AFTER PAIRED TRANSCRANIAL ELECTRICAL STIMULATION DURING SUFENTANIL/NITROUS OXIDE ANESTHESIA. ANESTHESIOLOGY 83: 270-276.						
EXAMINER				DATE CONSIDERED				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

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			APPLICANT(S) <b>AUTOMATED CORTICAL MAPPING</b>			
			FILING DATE <b>FEBRUARY 18, 2004</b>		GROUP <b>3762</b>	
<b>U.S. PATENT DOCUMENTS</b>						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
FILING DATE IF APPROPRIATE						
<b>FOREIGN PATENT DOCUMENTS</b>						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
TRANSLATION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
			Digitimer, Ltd., 2003, Multipulse Stimulator Specifications for Model D185. < <a href="http://www.digitimer.com">www.digitimer.com</a> >			
			Cadwell Laboratories, Inc., 2003, Sierra II Brochure and Specifications. < <a href="http://www.cadwell.com">www.cadwell.com</a> >			
EXAMINER			DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.